

Converting Colors

Hex(804679)

Have a look what the booklet for
Hex(804679) contains.

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Color

Hex(804679)

Conversions

Conversions Part 1	
Format	Color
Hex	804679
RGB	128, 70, 121
RGB Percent	50%, 27%, 47%
CMY	0.4980, 0.7255, 0.5255
CMYK	0.00, 0.45, 0.05, 0.50
HSL	307°, 29%, 39%
HSV	307°, 45%, 50%
XYZ	14.5434, 10.3500, 19.3204
YIQ	93.1560, 18.1970, 28.1570

Conversions

Conversions Part 2

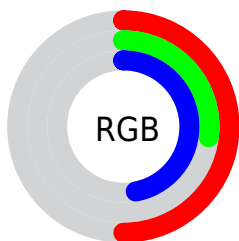
Format	Color
RYB	128, 70, 121
Decimal	8406649
CIELab	38.46, 32.68, -18.48
CIELCh	38, 37.542, 330.504
Yxy	10.3500, 0.3289, 0.2341
Android (android.graphics.Color)	4286596729 (0xFF804679)
YUV	93.1560, 13.7271, 30.5582
Hunter-Lab	32.1714, 24.3930, -13.0864

Details

The Hex color **804679** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **46804D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **B678AD**, and **4D1648** is the 20% darker color. If you saturate the color by 10%, you get **803977**, and if you desaturate by 10%, it is **80537B**.

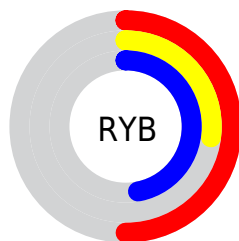
Distribution



Red (50%)

Green (27%)

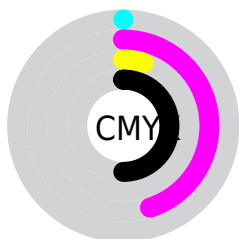
Blue (47%)



Red (50%)

Yellow (27%)

Blue (47%)

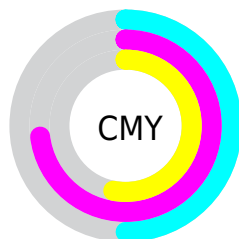


Cyan (0%)

Magenta (45%)

Yellow (5%)

Black (50%)



Cyan (50%)

Magenta (73%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 804679 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 804679 by changing the saturation by 10% instead.

 804679

 804679

FFFFFF

 662E60

 B678AD

 4D1648

 D292C9

 350032

 EFADE5

 21001D

 FFC9FF

 000000

 FFE5FF

 804679

 804679

 803977

 80537B

 802C76

 80607C

 802074

 806C7E

 801373

 80797F

 800671

 808681

 800071

 809382

 80A084

 80AC85

 80B987

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



5C528F



804679



913F5B

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



804679



6B591A



006979

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



804679



46804D

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



00695A



804679



4C6223

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



804679



834E25



21673B



00658F

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



804679



934147



21673B



00696F

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



804679



A68FA3



4D4680



544652



D4D4D4



545454

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



804679



A64C9B



80465C



40393F



800070



000000

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



804679



A64C9B



46806A



40393F



800070



000000

Previews

White Background



This preview shows how the Hex color 804679 looks on a white background.

Color Contrast Check

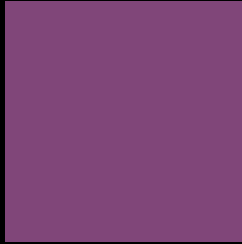
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 804679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 804679 Background



This preview shows how black text looks on a background with the Hex color 804679.



This preview shows how white text looks on a background with the Hex color 804679.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

804679

Protanopia

4B5A88

Deuteranopia

565976

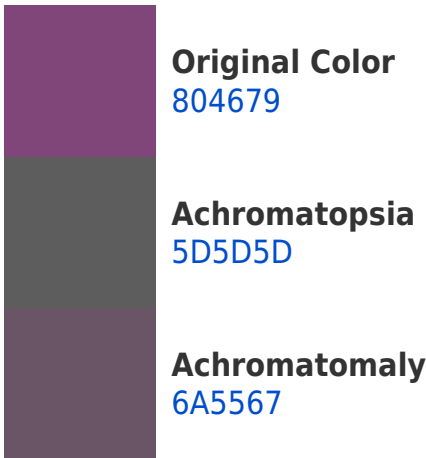


Tritanopia
7C4E54

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 804679 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #804679 looks like.

```
.text, #text, p{  
    color:#804679  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #804679 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #804679
}
```

Border

The CSS property to change the border of an element to Hex 804679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#804679 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#804679 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #804679 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #804679; -webkit-box-shadow:4px 4px  
4px 4px #804679; box-shadow:4px 4px 4px  
4px #804679 }
```

Background

The CSS property to change the background color of an element to Hex 804679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#804679 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#804679 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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